Wireless LAN Signal Detector +
Wireless LAN USB 2.0 Adapter

EW-7317LDg

✔ RoHS Compliant

Wi-Fi Detector

When you push the scan button on the Wi-Fi detector, it will immediately display detailed information about any 802.11b/g wireless network such as SSID, signal strength, what kind of security (if any is enabled), the current operating channel and also what kind of network is available (infrastructure or Ad-hoc). The LCM with backlight also displays the number of access points you can connect to and battery indicator so you know when it needs to be recharged. When the battery power indicator is low, you can easily recharge the built in Li-Polymer battery by plugging it into any USB port on your computer.
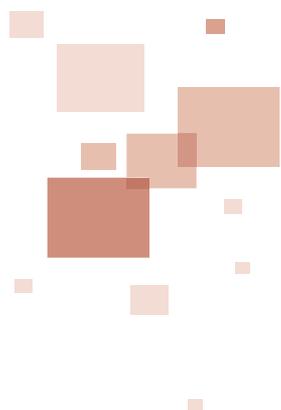
WLAN USB Adapter

This Wi-Fi Detector also acts as a WLAN USB adapter which complies with IEEE 802.11b/g standards and supports up to 54Mbps high-speed wireless network connections. It is suitable for any laptop or desktop computer for user to go online wirelessly.

For security, It supports 64/128/256-bit WEP data encryption that protects your wireless network from eavesdropping. It also supports WPA (Wi-Fi Protected Access) that combines IEEE 802.1x and TKIP (Temporal Key Integrity Protocol) technologies. Client users are required to authorize before accessing to APs or AP Routers, and the data transmitted in the network is encrypted/decrypted by a dynamically changed secret key. Moreover, this adapter supports WPA2 which uses AES technology to ensure the highest degree of security and authenticity for digital information and is the most advanced solution defined by IEEE 802.11i for the security in the wireless network.

Features

- Complies with IEEE 802.11b and IEEE 802.11g (2.4GHz, OFDM) standards.
- Immediately indicates whether the environment has available wireless network or equipments.
- A LCM with backlight indicates type of network (802.11b/g), signal strength, SSID, operating channel, network mode, number of APs, battery strength and type of security enabled on the detected network.
- Rechargeable Li-Polymer battery.
- High data transfer rate – up to 54Mbps.
- High throughput supports multi-media data bandwidth requirement.
- Supports WEP, WPA (TKIP with IEEE 802.1x) and WPA2 (AES with IEEE 802.1x) WLAN securities.
- Supports Software AP function, which turns the wireless station into a wireless AP.
- Supports USB 2.0/1.1 interface.

Specification

Product	802.11b/g WLAN USB Adapter with Wi-Fi Detector
Standards	IEEE 802.11b/g
USB Port	USB 2.0 Type A
Frequency Band	2.4000~2.4835GHz (Industrial Scientific Medical Band)
Modulation	OFDM with BPSK, QPSK, 16QAM, 64QAM (11g) BPSK, QPSK, CCK (11b)
Data Rate	54/48/36/24/18/12/11/9/6/5.5/2/1Mbps auto fallback
Security	64/128/256-bit WEP Data Encryption, WPA/WPA2 (TKIP with IEEE 802.1x) and AES
Antenna	Internal Antenna
Dimension	14(H) x 28.5(W) x 91(D) mm
Transmit Power	16 dBm (Typical)
Temperature	0~60ºC
Humidity	10~85% (Non-Condensing)
Certification	FCC, CE

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